



# भारत का राजस्व

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 19] नई दिल्ली, शनिवार, मई 8, 1982 (वैशाख 18, 1904)

No. 19] NEW DELHI, SATURDAY, MAY 8, 1982 (VAISAKHA 18, 1904)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III-खण्ड 2

#### [PART III—SECTION 2]

#### पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस (Notifications and Notices issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE  
PATENTS AND DESIGNS  
Calcutta, the 8th May 1982

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed  
under Section 135, of the Act.

31st March 1982

359/Cal/82. Lonza Ltd. Process for the preparation of amino-pyridines.

360/Cal/82. Johnathan L. Kiel. Insoluble crosslinked cytotoxic oxidase-peroxidase system.

361/Cal/82. Union Carbide Corporation. Novel oxime phosphate compounds.

362/Cal/82. Hoechst Aktiengesellschaft. Process for the preparation of disazo compounds.

363/Cal/82. Nustep Trenndusen Entwicklungs-und Patentverwertungs-gesellschaft MBH & Co., KG. Separation device for the separation of gaseous or vaporous substances.

1st April 1982

364/Cal/82. The Prestige Group PLC (formerly The Prestige Group Limited). Pressure cookers. (10th April, 1981/U.K.).

365/Cal/82. Hitachi, Ltd. Non-linear resistor and production thereof.

366/Cal/82. R. Toudian, SA. Machine for manufacturing mixed foodstuffs for animals.

367/Cal/82. Maschinenfabrik Rieter AG. Apparatus for winding a thread.

368/Cal/82. Kubota Ltd. Waste Water Treating—Apparatus for Denitrification.

57 GI/82

369/Cal/82. Nippon Carbide Kogyo Kabushiki Kaisha. Covering material for use in the cultivation of alyae (Divisional date 17th March 1979).

2nd April 1982

370/Cal/82. Aktiebolaget Svenska Flaktfabriken. Device at a dust filter.

371/Cal/82. Michelin & Cie, (Compagnie Generale des Etablissements Michelin). Radial tire for heavy loads.

372/Cal/82. Mitsubishi Rayon Co. Ltd. Achryalic fibers having irregular-form section and process for producing the same.

373/Cal/82. Nustep Trenndusen Entwicklungs-und Patentverwertungs-Gesellschaft Mbh & Co., KG. Separation device for the separation of gaseous or vaporous substances.

374/Cal/82. Sealed Power Corporation. Transmission fluid filter and method of manufacture.

31st April 1982

375/Cal/82. Nustep Trenndusen Entwicklungs-und Patentverwertungs-Gesellschaft Mbh & Co., Kg. A device for separation of a gas mixture having heavy and light components.

376/Cal/82. ABBA Services. An improved method and an apparatus for the preparation of explosive slurry composition and means for delivering the same into a borehole.

377/Cal/82. Nustep Trenndusen Entwicklungs-Und Patentverwertungsgesellschaft Mbh & Co. KG. A device for the separation of a gasmixture having heavy and light components by the separating-nozzle process.

378/Cal/82. Dr. Anil Krishna Kar. Fibre-Reinforced Concrete Manhole or Similar Covers.

(237)

379/Cal/82. Hoechst Aktiengesellschaft. Metering device.

5th April 1982

380/Del/82. American Home Products Corporation. Process for preparing naphthyridine derivatives. (10 April, 1980/U.K.). (Divisional date 10th Dec. 1980).

381/Cal/82. Hiroshi Ishizuka. Chlorinator furnace and method for producing tetrachloride of such metals as titanium and zirconium.

382/Cal/82. Diamond Shamrock Corporation. Recoating of electrodes. (6th April, 1981/U.K.)

383/Cal/82. The Boots Company Limited. Therapeutic Agents (6th April, 1981/U.K.).

384/Cal/82. John Walter Rilett. Fluid Containers (6th April, 1981/U.K.).

APPLICATION FILED AT PATENT OFFICE BRANCH,  
MUNICIPAL MARKET BUILDING, THIRD FLOOR,  
KAROL BAGH, NEW DELHI-5

15th March 1982

207/Del/82. Avi Hydropower Ltd., "Water Engine" (March 26, 1981).

208/Del/82. Eugeni Camilio Molas, "A clamp".

209/Del/82. General Refractories Co., "Resinous petroleum residuum refractory binders".

210/Del/82. General Refractories Co., "Use of resorcinol polymer blend as a binder for carbon-containing refractory brick & shape".

16th March 1982

211/Del/82. Balvinder Singh, "Couplings of motor and water lifting pump".

212/Del/82. Deshraj Gupta & Co. (P) Ltd., "A coupling means".

213/Del/82. Deshraj Gupta & Co. (P) Ltd., "A coupling means".

214/Del/82. Deshraj Gupta & Co. (P) Ltd., "A coupling means".

215/Del/82. Armclo Inc., "A method of providing an anti-stick coating on non-oriented, semi-processed electrical steels to be subjected to a quality anneal".

216/Del/82. Briggs & Stratton Corporation, "Reciprocating piston-type internal combustion engine with improved balancing system".

217/Del/82. W. S. H. Taylor Engineering Developments Ltd., "Pick-up hitch mounting arrangements" (March 23, 1981).

17th March 1982

218/Del/82. Mineral Deposits Ltd., "Improved spiral separator". (March 18, 1981).

219/Del/82. The Direct Reduction Corporation, "Improved system for coal injection in iron oxide reducing kilns".

220/Del/82. Dunlop Ltd., "Tyre for a two wheeled single track vehicle".

221/Del/82. Scripto Inc., "Initially erasable ink composition for a ball point writing instrument".

222/Del/82. G. D. Societa, Per Azioni, "Web guide device".

18th March 1982

223/Del/82. Council of Scientific & Industrial Research, "An improved process for the preparation of m-nitro aniline from m-dinitro benzene by catalytic hydrogenation".

224/Del/82. Council of Scientific & Industrial Research, "An improved process for the preparation of 4-terpinenol".

225/Del/82. Robert Jinn Somerville, "Traveling belt filter".

226/Del/82. Bergwerksverband GMBH, "Method for the production of H<sub>2</sub>- and CO-containing gases".

227/Del/82. Ferro Corporation, "Glass composition and method of manufacture and article produced therefrom".

19th March 1982

228/Del/82. General Refractories Co., "Resorcinol polymer bonded tap-hole mix and specialty materials".

229/Del/82. Union Carbide Corporation, "A method of mixing a gas and a vaporizable liquid".

230/Del/82. Shri Gaur Dham Trust (Regd.), "Shuttleless power looms".

231/Del/82. Shri Gaur Dham Trust (Regd.), "Shuttleless power looms".

232/Del/82. Shri Ram Institute for Industrial Research, "A concrete mix".

233/Del/82. Mahesh Chander Chawla, "Improved rear view mirror".

20th March 1982

234/Del/82. Aect Ltd., "An apparatus for and a method of testing detonating system".

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are, according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS 85M. 149841.

Int Cl-F23b, 5/04, F23c 9 04.

AN APPARATUS AND METHOD FOR SEPARATING LOW DENSITY CHAR PARTICLES FROM HIGHER DENSITY INERT PARTICLES.

Applicant: COMBUSTION ENGINEERING, INC. OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor: FRANCIS THOMAS MATTHEWS.

Application No 1052/Cal/78 filed 22 September, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972): Patent Office, Calcutta.

## 5 Claims.

An apparatus for separating low density clay particles from higher density inert particles in a particle mixture thereof comprising: (a) a perforated table having first and second ends which is adapted to allow particles to migrate towards the second end; (b) inlet means for receiving the particle mixture and depositing the mixture of particles on to the perforated table at its first end whereby the mixture of particles will migrate towards the second end; means for causing a stream of air to flow up through the perforated table, the stream being sufficiently strong above the first end to fluidize substantially all the particles occupying the table at the first end, the strength being gradually reduced towards the second end so that substantially all particles above a predetermined density are no longer fluidized at the second end, the particles thereby being stratified during migration from the first end to the second end so that denser particles at the second end lie on the table below the fluidized less dense particles; and (c) means for causing a stream of air to flow up through the perforated table, the stream being sufficiently strong above the first end to fluidize substantially all the particles occupying the table at the first end, the strength being gradually reduced towards the second end so that substantially all particles above a predetermined density are no longer fluidized at the second end, the particles thereby being stratified during migration from the first end to the second end so that denser particles at the second end lie on the table below the fluidized less dense particles, and (d) a scoop positioned at the second end of the table at such a height as to remove only those particles that are more than a predetermined height above the table at the second end.

Comp. Specn. 12 Pages.

Dig. 3 Sheets.

CLASS 32F.,(a) & (b) &

149842.

5510

Int. Cl.-C 01C 125/00.

PROCESS FOR THE PREPARATION OF PHOSPHINIC ACID DERIVATIVES OF AMINO THIO-METHYL CARBAMATES

Applicants: THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN UNITED STATES OF AMERICA.

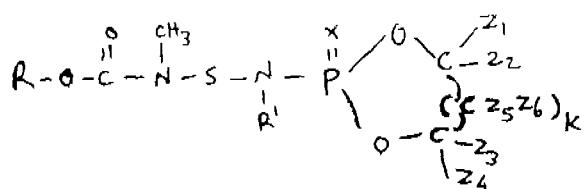
Invenerit: STEPHEN JAMES NELSON

Application No. 110, Cal/79 filed 5 February, 1979.

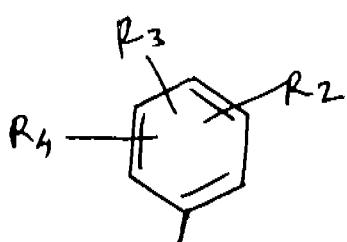
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

† Clunis

A process for preparing N-[*l*(phosphinyl) amino]thio- and N-[*l*(phosphinothioyl amino)thio-methylcarbamates represented by the formula shown in formula 1.

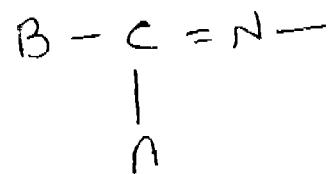


wherein R is selected from the group consisting of (a) a radical having the structure shown in Fig. 1.

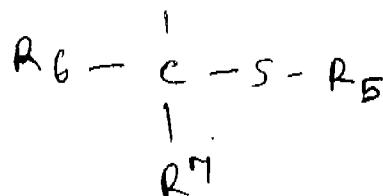


wherein R<sub>2</sub>, R<sub>3</sub>, and R<sub>4</sub> are the same or different and are selected from the group consisting of hydrogen, lower-alkyl of one to five carbon atoms, inclusive, halogen, lower-alkoxy of

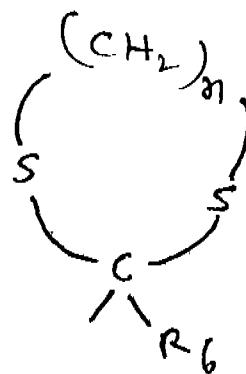
one to five carbon atoms, inclusive, lower-alkylthio of one to five carbon atoms, inclusive, dialkyl-amino with each alkyl the same or different and having one to three carbon atoms, inclusive, and  $-\text{N}=\text{CHN}(\text{CH}_3)_2$ ; (b) a radical having the structure shown in Fig. 2.



wherein A and B are the same or different and are selected from the group consisting of lower-alkyl of one to five carbon atoms, inclusive, lower-alkylthio of one to five carbon atoms, inclusive, monocyanato substituted alkylthio of one to five carbon atoms, inclusive, phenylthio wherein phenyl is unsubstituted or substituted with one to three substituents, same or different, selected from the group consisting of halogen and lower-alkyl of one to four carbon atoms, inclusive, cyano, alkoxy having one to five carbon atoms, inclusive phenyl, and hydrogen, with the proviso that when B is hydrogen, A is of the formula shown in Fig. 3.



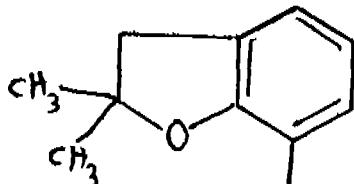
wherein R<sub>3</sub> is selected from the group consisting of alkyl of one to three carbon atoms, inclusive, and phenyl; R<sub>4</sub> is alkyl of one to three carbon atoms, inclusive; R- is selected from the group consisting of alkyl of one to three carbon atoms, inclusive, and SR, wherein R is alkyl and is the same alkyl group as R<sub>1</sub> and R<sub>2</sub> together with the atoms to which they are attached from a dithio heterocyclic of the formula shown in Fig. 4.



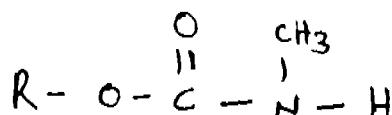
where  $n$  is 2 or 3 and the alkylene portion of the ring is unsubstituted or substituted with one or two methyl groups; A and B taken together with the carbon atom to which they are attached from a dithio heterocyclic of the formula in Fig. 5.



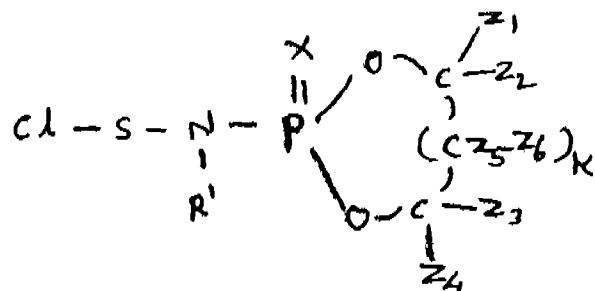
wherein  $m$  is 2 or 3 and the alkylene portion of the ring is unsubstituted or substituted with one to two methyl groups; (c) a radical having the structure shown in Fig. 6.



$R_1$  is selected from the group consisting of lower-alkyl, phenyl, substituted phenyl, phenlower-alkyl and cycloalkyl;  $X$  is oxygen or sulfur; and  $Z_1$  thru  $Z_6$  are the same or different and are selected from the group consisting of hydrogen, methyl and ethyl and  $K$  is zero or one, which comprises reacting a compound having the formula shown in III.



with a compound having the formula shown in II.



wherein  $R$ ,  $R_1$ ,  $K$ ,  $X$ , and  $Z_1$  through  $Z_6$  are as defined above.

Comp. Specn. 28 Pages.

Dig. 1 Sheet.

Class 83A.

149843.

Int. Cl.-23I 1/00.

#### COMBINED DRY-WET MILLING PROCESS FOR REFINING CORN.

*Applicants* : CPC INTERNATIONAL INC. OF THE STATE OF DFLWRF, INTERNATIONAL PLAZA, ENGLEWOOD CLIFFS, NEW JERSEY 07632, UNITED STATES OF AMERICA.

*Inventors* : VINCENT PAUL CHWALEK AND RICHARD MARTIN OLSON.

Application No. 400/Cal/79 filed 21 April, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A continuous corn refining process, which comprises :

- (A) dry milling whole grain corn to provide (a) an endosperm fraction, (b) a germ fraction, (c) a fiber (hull) fraction, and (d) a cleanings fraction, and if desired, separating corn oil from the corn germ fraction;
- (B) wet milling the endosperm fraction of (A) (a) by sequentially (i) steeping the endosperm fraction, (ii) separating the larger wet endosperm particles from the smaller wet endosperm particles, (iii) milling the larger wet endosperm particles to reduce their particle size, (iv) recombining the wet endosperm particles of (ii) and (iii) into a single fraction, and (v) steeping the endosperm fraction again to provide a mill starch slurry and fiber tailings;

(C) separating fine fiber tailings from the mill starch slurry of;

- (B) (v);
- (D) separating the defibered mill starch slurry of (C) into a starch-rich fraction and a protein-rich fraction;
- (E) concentrating the protein-rich fraction of (D);
- (F) directly combining each of the fiber (hull) fraction and the cleanings fraction of (A), the fine fiber tailings fraction of (C) and the protein-rich concentrate of (E) without removing any corn oil therefrom, with the germ fraction of (A) to provide a wet animal feed product, and (G) drying the wet feed product of (F) to obtain a final animal feed product.

Comp. Specn. 26 Pages.

Drg. 5 Sheets.

Class 172C.

149844.

Int. Cl.-D01g 23/00.

#### CARDING MACHINE.

*Applicants* : TRUTZSCHALER GmbH & CO. OF DUVENSTRASSE, 82-92, D-4050 MONCHENGLADBACH 3, WFRG GERMANY.

*Inventors* : WOJEGANG BENEKE, GUDDERATHER-WEG, PAUL GEORG TEICHMANN, WILFRIED WEBER, HANS TRUTZSCHLER, FFRDINAND LEIFELD, AND RUDOLF RAUSCHEN.

Application No. 288/Cal/78 filed 17 March, 1978.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

42 Claims.

A carding machine including a fibre web delivery mechanism arranged downstream of the carding cylinder, the delivery mechanism including a pair of co-operating rollers, and at least one guide member having a hollow guide surface for receiving and condensing the fibre web as it is delivered from the co-operating rollers, the guide surface itself being immovably mounted and being substantially positionally static during normal operation of the machine, wherein, during normal operation of the machine, the guide surface is disposed downstream of the rollers and has a pair of bounding edge being immediately adjacent a respective roller.

Comp. Specn. 44 Pages.

Drg. 15 Sheets.

Class 126A & D.

149845.

Int. Cl.-G01r 15/00; G01d 3/00.

#### CONTROL METER USABLE AS A POTENTIOMETERIC OR PHOTOELECTRIC DEVICE.

*Applicants* : SANGAMO WESTON, INC. P.O. BOX 3347, ELEVENTH & CONVERSF, SPRINGFIELD, ILLINOIS, 62714, UNITED STATES OF AMERICA.

*Inventor* : JULIUS NADOR.

Application No. 426/Cal/78 filed 19 April, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

26 Claims.

A meter apparatus comprising a meter housing; measurement means rotatably mounted in said housing about an axis for movement in response to measurement of a selected parameter; means rotatable about said axis for setting the limits of a predetermined range of values of said parameter; means for securing to said housing a component having a measurable electrical characteristic; and characterized by means for attaching a photo electric sensor to said range setting means; means for fixedly securing illuminating means in said housing to direct light at said photoelectric sensor means; means for securing light interrupting means to said measurement means for movement therewith between a light interrupting and a light transmitting position; and said range setting means

including first contact means connectable to said photoelectric sensor means and disposed for detecting a portion of the electrical characteristic value of said component corresponding to the position of said range setting means about said axis.

Comp. Specn. 26 Pages.

Class 62A,

Int. Cl. D061 3/02

Drg. 3 Sheets.

149846.

#### BREACHING AND/OR DYEING OF JUTE FIBRES.

Applicants : INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, OF 17, TARATOLA ROAD, CALCUTTA-7001-053

Inventors : DR. ASHOK YESHWANT KULKARNI, TAPAN KUMAR GUHA RAY, SUBHAS KUMAR CHATTERJEE AND DR. ASHIMANANDA ROY.

Application No. 525/Cal/78 filed 15 May, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A method of processing raw jute to directly obtain bleached jute fibres for spinning and weaving, comprising treating raw jute with an aqueous emulsion, stabilized with known stabilizer(s) of a lubricating oil such as batching oil and as bleaching agent hydrogen peroxide, piling so treated raw jute in conventional setting for 48 to 72 hours and cutting away root portion if un-cut raw jute is used.

Comp. Specn. 7 Pages.

CLASS 69E.

Int. Cl. H01h 1/66

Drg. Nil.

149847.

#### IMPROVED GAS-BLAST CIRCUIT-INTERRUPTER WITH MULTIPLE INSULATING ARC-SHIELD CONSTRUCTION.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING GATEWAY, CENTRE, PITTSBURG, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : STANISLAW ADAM MIJIANOWICZ.

Application No. 532/Cal/82 filed 17 May, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

19 Claims.

A gas-type puffer circuit-interrupting structure including, casing means, a stationary contactrod disposed within said casing means, a fixed piston structure disposed within the casing means, a movable operating cylinder assembly carrying a movable contact and operatively slideable over said fixed piston structure to compress gas there between within a piston chamber for extinction purposes, a multiple hollow insulating nozzle assembly also affixed to said movable operating cylinder assembly and surrounding said stationary contact-rod in the closed circuit position of the circuit-interrupting structure, said movable nozzle assembly including at least pair of axially-spaced insulating nozzles defining a gas-inlet passage between two adjacent nozzle one nozzle being situated close to the tip of the movable contact so that said stationary contactrod blocks said gas-inlet passage in the closed-circuit position of the circuit-interrupting structure when the two separable contacts are in closed contacting engagement, means effecting opening movement of said operating cylinder assembly during the opening operation of the circuit-interrupting structure so that said movable operating cylinder assembly slides over said fixed piston structure whereby to simultaneously effect contact separation and also compression of gas within said piston chamber, and the blocking action of said rod-shaped stationary contact within said one insulating nozzle delaying flow of compressed gas out of the piston chamber and through said gas inlet passage for a predetermined time to enable a predetermined arc-length to be achieved prior to unplugging said one nozzle, so that compressed gas will then flow at this time through said one gas-inlet passage into the established arc for arc-extinction.

Comp. Specn. 19 Pages.

Drg. 6 Sheets.

CLASS 128H & G, 144E<sub>2</sub> & E<sub>4</sub>.

149848.

Int. Cl.-A61L 17/00; B29C, 13/00.

#### A SYNTHETIC, MULTIFILAMENT SUTURE HAVING POLY (ALKYLENE OXALATE) ABSORBABLE COATING AND METHOD FOR PREPARING SAME.

Applicants : ETHICON, INC., AT SOMVILLE, NEW JERSEY, U.S.A.

Inventors : SHALABY WAHBA SHALABY AND DENNIS JAMIOLKOWSKI.

Application No. 566/Cal/78 filed 25 May, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

33 Claims. No drawings.

A synthetic, multifilament absorbable suture having been coated with from about 1 to 15 percent by weight of a composition comprising a poly (alkylene oxalate) wherein the alkylene is C<sub>n</sub> or a mixture of C<sub>1</sub> to C<sub>4</sub>-alkylene moieties, said poly (alkylene oxalate) having a melting point below about 100°C and an inherent viscosity of from about 0.1 to 1.2 as determined at 25°C on a 0.1 per cent solution of polymer in CHCl<sub>3</sub> or hexafluoroisopropanol.

Comp. Specn. 26 Pages

Drg. Nil.

Class 40C.

149849.

Int. Cl.-B01f 3/12.

#### WATER-SOLUBLE DISPERSIONS OF HIGH MOLECULAR WEIGHT WATER-SOLUBLE VINYL ADDITION POLYMERS

Applicants : BUCKMAN LABORATORIES, INC. 1256 NORTH McLEAN BOULEVARD, MEMPHIS, TENNESSEE 38108, U.S.A.

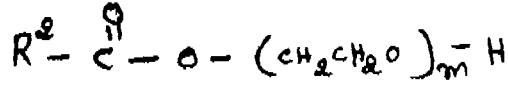
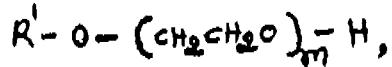
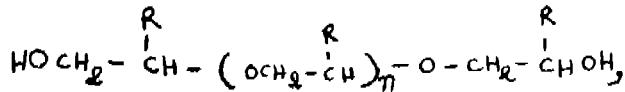
Inventors : JOHN DUSTIN BUCKMAN, WOOD EUGENE HUNTEI, JOHN DOMINIC PERA AND ROBERT MICHAEL TAYLOR.

Application No. 580/Cal/78 filed 30 May, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

19 Claims.

A method of preparing a liquid polymeric dispersion composition comprising a water-soluble vinyl addition polymer of high molecular weight, water, at least one non-ionic, cationic or anionic surfactant as hereinbefore described and a water-soluble organic carrier selected from the group as shown in figure 2



wherein R is hydrogen or methyl; R' is alkyl containing 6 to 26 carbon atoms or alkyl substituted benzene in which the alkyl substituent is branched or straight chain and contains 8 to 12 carbon atoms; R<sup>2</sup> is alkyl containing 5 to 17 carbon atoms; n varies 2 to 20 and m varies from 3 to 10, characterised in that said water-soluble vinyl addition polymer is prepared as per conventional method as a water-in-oil suspension or emulsion in an inert hydrophobic organic liquid such as paraffinic hydrocarbons from petroleum containing the said surfactant as hereinbefore described and subsequently

separating the aqueous polymer phase from the oil phase by mechanical means such as centrifugation, decantation or distillation and mixing the said aqueous polymer phase with water, the said surfactant and the said water-soluble organic carrier; or mixing the water-in oil suspension or emulsion with the said surfactant and the said water-soluble organic carrier and removing the inert hydrophobic organic liquid by distillation.

Comp. Specn. 20 Pages. Drg. 2 Sheets.  
CLASS 126C & D. 149850.

Int. Cl. G04f 9/00.

#### A DIGITAL FUSE BLOW TIME INDICATOR.

*Applicants*: CHLORIDE INDIA LIMITED, OFF-XIDE HOUSE 591 CHOWRINGHEE ROAD, CALCUTTA-700 020, WEST BENGAL, INDIA.—HIRANMOY SAHA, DIPANKAR BISWAS AND AIIT KUMAR CHANDA OF R & D CENTRE, CHLORIDE INDIA LIMITED, CALCUTTA-700 059, WFST BENGAL, INDIA.

*Inventors*: HIRANMOY SAHA, DIPANKAR BISWAS AND AIIT KUMAR CHANDA.

Application No. 644/Cal/78 filed 13 June, 1978.

Complete Specification left 13 September, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims.

A digital fuse blow time indicator including a clock circuit, a controlled current circuits and a digital display counter, said clock circuit comprises an oscillator, a schmitt trigger and a divider chain of decade counters for producing fixed duration pulses, said decade counters being connected to the digital display counter through a band switch, and said controlled current circuit being connected to said digital display counter through a fuse.

Comp. Specn 7 Pages Drg. 1 Sheet.  
Prov. Specn. 4 Pages. 149851

CLASS 129C.

Int. Cl. B23b 41/00.

#### AN ATTACHMENT FOR AN ELECTRIC POWER TOOL.

*Applicants*: BAREJA KNIPPING FASTENERS LIMITED, OF 10/1 PRINCEP STREET, CALCUTTA 700-072, WEST BENGAL, INDIA.

*Inventor*: DANIEL JACOBUS JOHANNES VENTER.

Application No. 755/Cal/78 filed 7 July, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims.

An attachment for an electric power tool, the attachment comprising a member having a formation for receiving a nose of a power tool, means for securing the attachment to the power tool, a movable element having an opening therein, the opening comprising a contiguous slot and an aperture, and means for guiding said element between a position in which the aperture thereof is aligned with said formation of said member and a position in which said slot is aligned with said formation of said member.

Comp. Specn. 12 Pages. Drg. 2 Sheets.  
CLASS 32F 2C. 149852.

Int. Cl. C07c 103/52.

#### PROCESS FOR THE PREPARATION OF A PEPTIDE.

*Applicants*: RICHTER GEDEON VEGYESZETI GYAR R.T. OF 21, GYOMROI UT, BUDAPEST X, HUNGARY.

*Inventors*: DR. LAJOS KISALUDY, (Mrs.) GYORGY NYEKI, (Mrs.) LASZLO SZIRMAI, DR. EGON KARPATI, DR. KATALIN GIDAI, DR. LASZLO SZPORNY.

Application No. 760/Cal/78 filed 10 Ju'y, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

Process for the preparation of a peptide of the general formula I.

X-Arg-Val-Tyr-Ile-His-Pro-Y (I)

wherein X is a hydroxyacetyl or  $\alpha$ -hydroxypropionyl group and

Y is a leucyl, isoleucyl, a lanyl or threonyl group and acid addition salts thereof, which comprises reacting a reactive heptapeptide derivative of the general formula II

H-Ag(A)-Val-Tyr(B)-Ile-His(E)-Pro-Y-OG (II)  
wherein A is nitro or tosyl

B is benzyl or substituted benzyl

E is dinitrophenyl

G is p-nitrobenzyl or pentachlorophenyl and

Y is as defined above, with an aminoxycarboxylic acid derivative of the general formula III

W-X'-M

wherein X' is the same as X but substituted on the amino group by W, W is hydroxyacarbonyl or tert-butoxycarbonyl, M is hydroxy, pivaloyloxy, nitrophenoxy, pentafluorophenoxy, N-succinimidoxyl, azido, 2, 3, 5-trichlorophenoxy or pentachlorophenoxy, splitting off as hereinbefore described the protecting group E and subsequently the other side-chain and terminal protecting groups from the compounds of the general formula IV obtained

W-X'-Ag(A)-Val-Tyr(B)-Ile-His(E)-Pro-Y-OG (V)  
wherein B, W, X', Y, A, E and G are as defined above, and, if desired, converting a compound of the general formula I obtained into an acid addition salt.

Comp. Specn. 37 Pages.

Drg. Nil.

#### OPPOSITION PROCEEDINGS

##### (1)

An opposition has been entered by M/s. Premier Dyes Corporation to the grant of a patent on application No. 149214 made by Vishwanath Dattatraya Sahakari,

##### (2)

An opposition has been entered by M/s. The Dharamsi Moraiji Chemical Company to the grant of a patent on application No. 149546 made by Hoechst Aktiengesellschaft of 6230 Frankfurt Main 80

#### PATENTS SEALED

144309 145351 146598 147750 148000 148065 148076 148079  
148081 148316 148806 148832 149107 149108 149123 149124  
149133 149134 149135 149268

#### PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the Patents.

No.	Title of the invention
143806 (05-06-75)	Improvements in or relating to process for the production of negative active material for pocket-type and pressed mass type nickel cadmium cells.
143818 (12-05-76)	A process for preparing a new fire extinguishing material for extinction of fires in flammable liquids.
143850 (23-04-76)	A process for making high polymeric dispersants suitable for effecting separation of clays and other materials.
143877 (29-10-75)	A method for the manufacture of sulphur from byproduct gypsum.

## RENT/WAL FEES PAID

111172 115307 115378 115379 115385 115450 118110 121131  
 121462 121474 125603 126075 126141 126376 126417 126546  
 126567 130791 130834 130945 131037 131058 132842 134831  
 135176 135275 136050 136623 136798 136893 138186 138241  
 138985 139081 139424 139602 139844 140967 142040 142327  
 142422 142454 142489 142846 142851 143287 144148 144203  
 144857 145712 145854 145892 145893 146077 146479 146617  
 147081 147330 147431 147515 147529 147976 148628

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 150321. Genelec Limited at Hindlight House, Subhash Road, Jogeshwari (East), Bombay-400060, Maharashtra, India. "High Mast lighting fitting". January 28, 1981.

Class. 1. No. 150322. Genelec Limited of Hindlight House, Subhash Road, Jogeshwari (East), Bombay-400060, Maharashtra, India. "High Mast lighting fitting". January 28, 1981.

Class. 1. No. 150752. Mecra Metal Industries, a partnership firm of 32/2, 2nd Panjarapole Lane, C.P. Tank, Bombay-400004, Maharashtra, India. "Cooker-cum-try-cum-sauce pan". May 13, 1981.

Class. 1. No. 150832. Jairam & Sons of Kala Mahal, Aligarh-202001 (U.P.) a partnership firm. "Padlock". May 30, 1981.

Class. 1. No. 151257. Press Metal Corporation Limited of M. Vasanti Marg, (Andheri Kurla Road), Bombay-400059, Maharashtra, India. "Panel". October 20, 1981.

Class. 3. No. 150435. Frederick Enterprises, Frederick House, 3-Y.M.C.A. Road, Bombay-400008, Maharashtra, India. "Bottle". February 20, 1981.

Class. 3. No. 150490. Liberty Manufacturing Company, a partnership firm of 65, Government Industrial Estate, Kandivli, Bombay-400067, Maharashtra. "Soap Box". February 28, 1981.

Class. 3. No. 150985. General Industrial Controls Private Limited of T-107, M.I.D.C., Bhosari, Pune-411026, Maharashtra, India. "Timber". July 9, 1981.

Class. 3. No. 151077. Crysclear Containers Private Limited of Crescent Mansions, 161, Samuel Street, Bombay-400009, Maharashtra, India. "Nipple for feeding bottle". August 10, 1981.

Class. 3. No. 151125. Eagle Flask Private Limited of Eagle Estate, Talegaon-410507, Maharashtra, India. "Container". August 28, 1981.

Class. 3. No. 151128. Eagle Flask Private Limited of Eagle Estate, Talegaon-410507, Maharashtra, India. "Ltd". August 28, 1981.

S. VEDARAMAN  
*Controller General of Patents Designs  
 and Trade Marks*

